

SYSTEM, APPARATUS, AND METHOD FOR AUTOMATIC COPY FUNCTION SELECTION

ABSTRACT OF THE DISCLOSURE

The invention automatically selects a copy function according to a policy associated with data to be copied. The apparatus comprises an identification module configured to identify available copy functions in response to a data copy request that includes a predefined copy policy, a comparison module configured to compare each copy function of a storage device to attributes of the predefined copy policy, a selection module configured to automatically select a copy function that satisfies the predefined copy policy, and a relationship module configured to establish a copy relationship between the determined copy function and the data copy request. A policy generation module may be included and configured to read a set of required attributes from an application and to establish the predefined copy policy based on the set of required attributes from the application.

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KUNZLER & ASSOCIATES
ATTORNEYS AT LAW
10 WEST 100 SOUTH, SUITE 450
SALT LAKE CITY, UTAH 84101